

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Donald E. Barrick
Peter M. Lilleboe

Serial No.: 10/617,277

Filed: July 10, 2003

For: CIRCULAR SUPERDIRECTIVE
RECEIVE ANTENNA ARRAYSRECEIVED
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Group Art Unit: 3662

Examiner: Unknown

Atty. Dkt. No.: CODA:005US

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| I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to, MS DD, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below. | |
| December 2, 2003 | <i>Michael C. Barrett</i> |
| Date | Michael C. Barrett |

INFORMATION DISCLOSURE STATEMENT

MS DD
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R. §§ 1.97(g), (h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be

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an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present Information Disclosure Statement is being filed prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Commissioner is authorized to deduct the appropriate fees from Fulbright & Jaworski Deposit Account No.: 50-1212/CODA:005US.

Applicants respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,

M. C. Barrett
Michael C. Barrett
Reg. No. 44,523
Attorney for Applicants

FULBRIGHT & JAWORSKI L.L.P.
600 Congress Avenue, Suite 2400
Austin, Texas 78701
(512) 474-5201

Date: December 2, 2003

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PAGE 7/9 * RCVD AT 11/11/2004 3:54:20 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-1/7 * DNI:8729306 * CSID:512 536 4598 * DURATION (mm:ss):02:24

Page 1 of 1

| | | | |
|---|---|---|--------------------------|
| Form PTO-1449 (modified) | | Atty. Docket No. CODA-005US | Serial No. 10/617,277 |
| List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | Applicant Donald E. Barrick Peter M. Lilleboe | |
| | | Filing Date: July 10, 2003 | Group: 3662 |
| U.S. Patent Documents <i>See Page 1</i> | Foreign Patent Documents <i>See Page 1</i> | Other Art <i>See Page 1</i> | |

U.S. Patent Documents

| Exam. Init. | Ref. Des. | Document Number | Date | Name | Class | Sub Class | Filing Date of App. |
|-------------|-----------|-----------------|----------|-------------------|-------|-----------|---------------------|
| | A1 | 4,172,255 | 10/23/79 | Barrick and Evans | 343 | 5 W | 8/8/77 |
| | A2 | 5,361,072 | 11/1/94 | Barrick et al. | 342 | 133 | 2/28/92 |
| | A3 | 5,990,834 | 11/23/99 | Barrick and Lipa | 342 | 418 | 8/29/97 |

Foreign Patent Documents

| Exam. Init. | Ref. Des. | Document Number | Date | Country | Class | Sub Class | Translation Yes/No |
|-------------|-----------|-----------------|------|---------|-------|-----------|--------------------|
| | | | | | | | |

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

| Exam. Init. | Ref. Des. | Citation |
|-------------|-----------|--|
| | C1 | Harrington, R. F., (1968), Field Computation by Moment Methods, MacMillan Co.: New York, Chapter 10. |

25330605.1

EXAMINER:**DATE CONSIDERED:**

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)

Please indicate receipt of the below-identified paper:

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| <input type="checkbox"/> New Application For: | Priority Date: | | |
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| <input type="checkbox"/> Specification: Pages | <input type="checkbox"/> Drawings: | Sheets | |
| <input type="checkbox"/> Response to Office Action Dated: | <input type="checkbox"/> Final Rejection | | |
| <input checked="" type="checkbox"/> Other: IDS; Form PTO-1449; References (A1-A3 and C1); trans. ltr.; postcard. | | | |
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IDENTIFICATION OF APPLICATION

| | | |
|---|--------|--------------------------|
| Serial No.: 10/617,227 | | |
| Title: CIRCULAR SUPERDIRECTIVE RECEIVE ANTENNA ARRAYS | | |
| Applicant: Donald E. Barrick and Peter M. Lilleboe | | Attorney: MCB |
| Client: CODAR | | F&J File No.: CODA:005US |
| Mailed: December 2, 2003 | Filed: | Due Date: |

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DATE: November 11, 2004 **FILE:** CODA:005US / 10303754

TO: Examiner Dao Linda Phan, Prior Art Group #3662

COMPANY: U.S. PATENT & TRADEMARK OFFICE

FAX NO.: 703/872-9306

FROM: Michael C. Barrett (01963) **SENDER'S PHONE:** 512/536-3018

RETURN ORIGINAL TO: Ann King **FLOOR:** 20

NO. OF PAGES TO FOLLOW: 8 **ORIGINAL: WILL NOT FOLLOW**

In accordance with your conversation with Nhi Tran last week, enclosed with this transmittal please find:

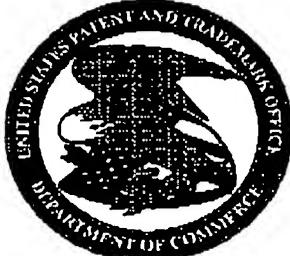
1. A copy of the IDS and Form PTO-1449 filed December 2, 2003, Fulbright & Jaworski's transmittal letter to the Patent Office dated December 2, 2003, and patent postcard accompanying same, date-stamped "received December 4, 2003" by the Patent Office; and
2. A copy of the Resubmission of IDS and Form PTO-1449 by facsimile on August 26, 2004. Also enclosed is a copy of the PTO Auto-Reply acknowledging receipt of these materials by the PTO on August 26, 2004.

The four (4) references submitted on December 2, 2003, have never been signed off on by an Examiner. We will appreciate your reviewing and signing off on those four references and faxing us a copy of the initialed Form PTO-1449 before November 16, 2004, which is the deadline for paying the issue fee in this case. If you have any questions regarding the intent of this transmission, please contact Nhi Tran direct at 512/536-3023

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| 8/26/2004 6:05 PM PAGE 1/001 FULBRIGHT & JAWORSKI 002/009 | | | | | | | | |
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| FACSIMILE TRANSMISSION | | | | | | | | |
| DATE: August 26, 2004 | MATTER NUMBER: 10303754/CODA:005UB | | | | | | | |
| <table border="1" style="width: 100%;"> <tr> <th>RECIPIENT:</th> <th>FAX No.:</th> <th>PHONE No.:</th> </tr> <tr> <td>Daq Linda Phan, Examiner GAU 3662 Patent and Trademark Office</td> <td>703/672-9306</td> <td>703/306-4167</td> </tr> </table> | | | RECIPIENT: | FAX No.: | PHONE No.: | Daq Linda Phan, Examiner GAU 3662 Patent and Trademark Office | 703/672-9306 | 703/306-4167 |
| RECIPIENT: | FAX No.: | PHONE No.: | | | | | | |
| Daq Linda Phan, Examiner GAU 3662 Patent and Trademark Office | 703/672-9306 | 703/306-4167 | | | | | | |
| Person: Martha A. Robinson User ID: MR10031 FLOOR: 20 PHONE: (512) 536-5616 FAX: (512) 536-4598 RE: RESUBMISSION OF IDS AND FORM PTO-1440 NUMBER OF PAGES WITH COVER PAGE: 8 Originals Will Not Follow | | | | | | | | |
| <small>Message: U.S. Application No. 10/617,277 entitled "CIRCULAR SUPERDIRECTIVE RECEIVE ANTENNA ARRAYS" by Donald E. Beutick and Peter M. Little. Thank you for your attention to this matter.</small> | | | | | | | | |
| <small>CAUTION - CONFIDENTIAL THIS DOCUMENTATION CONTAINED IN THIS FACSIMILE IS CONFIDENTIAL AND MAY ALSO CONTAIN PRIVILEGED ATTORNEY-CLIENT INFORMATION OR WORK PRODUCT. THIS INFORMATION IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY TO WHOM IT IS ADDRESSED. IF YOU ARE NOT THE INTENDED RECIPIENT OR THE EXCLUSIVE OR ACTING ATTORNEY OR AGENT RESPONSIBLE TO RECEIVE IT, PLEASE RETURN RECEIVED. YOU ARE HEREBY NOTIFIED THAT ANY UNAUTHORIZED DISSEMINATION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS FACSIMILE BY ERROR, PLEASE IMMEDIATELY NOTIFY US BY TELEPHONE, AND REQUEST THIS DOCUMENT BE RETURNED TO US AT THE ADDRESS PROVIDED ON THE LAST PAGE OF THIS DOCUMENT. THANK YOU.</small> | | | | | | | | |
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| <small>PAGE 101 SENT AT 08/26/2004 6:05:21 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/7 * DNIS:8729306 * CSID:512 536 4598 * DURATION (mm:ss):02:24</small> | | | | | | | | |

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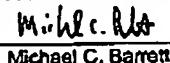
MICHAEL C. BARRETT
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MBARRETT@FULBRIGHT.COM

DIRECT DIAL: (512) 536-3018
TELEPHONE: (512) 474-5201
FACSIMILE: (512) 536-4598

August 26, 2004

CERTIFICATE OF FACSIMILE TRANSMISSION
37 C.F.R. § 1.8

I hereby certify that this correspondence is being transmitted to: Commissioner for Patents, Washington, D.C. 20231, Attn: Examiner Dao Linda Phan, GAI 3662, facsimile number (703)872-9306 on the date below:

August 26, 2004Date


Michael C. Barrett

Dao Linda Phan, Examiner
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

RE: U.S. Patent Application No. 10/617,277 entitled "CIRCULAR SUPERDIRECTIVE RECEIVE ANTENNA ARRAYS" – Donald E. Barrick and Peter M. Lilleboe
Our reference: CODA:005US

Dear Examiner Phan:

After reviewing each of the Office Action and the Notice of Allowability, it has come to our attention that the Information Disclosure Statement, Form PTO-1449 and 4 references submitted on December 2, 2003, were apparently never signed off by an Examiner.

For your convenience we have enclosed a copy of a Information Disclosure Statement and Form PTO-1449 that was filed with the Patent and Trademark Office (PTO) on December 2, 2003. Also enclosed is a copy of PTO stamped postcard indicating the documents submitted and the date received. The copies of the references previously submitted have not been enclosed. Please let us know if you would like us to resubmit those as well.

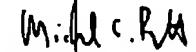
25448114.1

Commissioner for Patents
August 26, 2004
Page 2

Please review and approve this Information Disclosure Statement. If you need additional information, please let us know.

Thank you for your assistance in this matter.

Respectfully submitted,


Michael C. Barrett
Reg. No. 44,523

MCB/mar
Encl.: as noted.

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December 2, 2003

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December 2, 2003

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 Michael C. Barrett

MS DD
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 Alexandria, Virginia 22313-1450

RE: *U.S. Patent Application No. 10/617,227 entitled "CIRCULAR SUPERDIRECTIVE RECEIVE ANTENNA ARRAYS" – Donald E. Barrick and Peter M. Lilleboe*
Our reference: CODA:005US

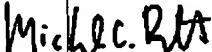
Sir:

Enclosed for filing in the above-referenced patent application is an Information Disclosure Statement, Form PTO-1449, and references A1-A3 and C1.

No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to the enclosed materials, the Commissioner is authorized to deduct the appropriate fees from Fulbright & Jaworski Deposit Account No.: 50-1212/CODA:005US.

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Respectfully submitted,



Michael C. Barrett
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